

PROBLEM *Solver*[®] BULLETIN

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Lower Ball Joint Removal and Installation Issues

Ford Expedition, Explorer, Explorer Sport Trac, F-150, F-150 Heritage, F-250, Ranger / Lincoln Navigator / Mazda B2300, B3000 / Mercury Mountaineer

PROBLEM:

Lower ball joint removal and installation issues

- When installing a replacement ball joint in these applications, technicians may note that the new ball joint may not fit tight in the opening of the lower control arm. The lower ball joint receptacle has been known to experience wear, especially when the ball joint has been replaced several times. If a traditional ball joint is installed in this situation, it will move and shift during operation, which can quickly wear out and damage the control arm, as well as causing unsafe handling issues.
- Lower ball joints in these applications are difficult to press out. When removing, an air hammer or chisel is not recommended as it can damage the control arm and the ball joint receptacle.



ENLARGED BALL JOINT RECEPTACLE IN LOWER CONTROL ARM, WHICH CAN CAUSE A LOOSE BALL JOINT FIT

IF OPENING SIZE IS < 1.749":
USE K8695T
IF OPENING SIZE IS 1.749" - 1.753":
USE K8695T006

Description	Years	Make/Model	Replacement Part Number
Lower Ball Joint	1997-2002	Ford Expedition	K8695T (Standard)
	1995-2005	Explorer	
	2001-2005	Explorer Sport Trac	
	1997-2003	F-150	
	2004	F-150 Heritage	
	1997-1999	F-250	
	1998-2005	Ranger	K8695T006 (Oversized)
	1998-2002	Lincoln Navigator	
	2001-2003	Mazda B2300	
	2003-2005	Mazda B3000	
	1997-2005	Mercury Mountaineer	

SOLUTION:

MOOG® K8695T006 Oversized Lower Ball Joint



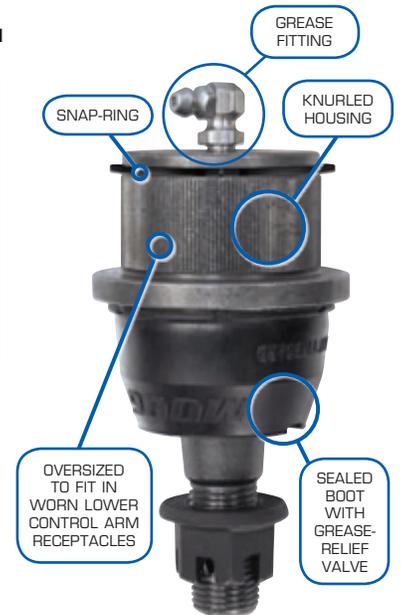
The MOOG K8695T006 lower ball joint was designed for ease of installation and longer life.

- The ball joint is .006" oversized to fit in worn lower control arm receptacles.
- The snap-ring makes installation easy. The snap-ring in combination with the knurled housing keeps the ball joint securely in place. Use of an appropriate press tool is recommended.
- The greaseable design ensures fresh lubrication reaches the bearing surfaces while flushing contaminants, while the all-metal gusher bearing design holds up to severe driving conditions.

The T40003 Removal Tool makes ball joint removal a snap.*



T40003
Removal Tool



K8695T006

* The T40003 is designed specifically for removal of the ball joint on these vehicles. If the incorrect ball joint press receiver is used, you could mushroom the housing of the old ball joint and further enlarge the control arm hole, requiring replacement of the control arm.



THE PROBLEM SOLVER®

